

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Thomas BIERFHOF

Serial No.: 10/565,674

Filing Date: January 24, 2006

For: RAY TRACING IN DISCONTINUOUS
MULTIMODE CHANNEL
WAVEGUIDES

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Confirmation No.: 5537

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

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Dated: May 30, 2006

Respectfully submitted,



By _____
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of

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Complete if Known

Application Number	10/565,674
Filing Date	January 24, 2006
First Named Inventor	Thomas Bierhoff
Art Unit	Not yet assigned
Examiner Name	Not yet assigned
Attorney Docket Number	449122086300

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
	1	DE 10051405 C2= WO 02 33455 A2	04-25-2002	Siemens AG		

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	2	E. GRIESE ET AL.: "Time domain simulation of optical multimode chip-to-chip interconnects" PROCEEDINGS OF SPIE, Vol. 4455, December 2001, pages 131-142, XP002304825, paragraph 0002, pictures 5-17	
	3	E: CZECH: "Spatial distribution of luminance of light emitted by optical fibers", PROCEEDINGS OF SPIE, Vol. 5064, April 2003, pages 222-229, CP002304826, paragraph 0001-0005, pictures 1-5	
	4	BIERHOFF T. ET AL: "Ray Tracing Technique and its verification for the analysis of highly multimode optical waveguides with rough surfaces"; IEEE Transactions on Magnetics, IEEE Inc. New York, US, Vol. 37, No. 5, Part 1 9 (2001) pages 3307-3310, XP 001089831, ISSN: 0018-9464, completed document	
	5	BIERHOFF T. ET AL: "An approach to model wave propagation in highly multimode optical waveguides with rough surfaces" International symposium on Theoretical electrical engineering, XX, XX, September 6, 1999, pages 515-520, XP008005522, completed document	

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